

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

This document is submitted in response to the Office Action mailed May 10, 2004.

Please amend the present application as follows. No new matter has been introduced.

**In the Claims**

1. (Currently Amended) A free-space optical communication system comprising:  
a transmitter configured to encode and transmit information over free-space, the information being encoded in a first at least two discrete optical carrier signals, and the inverse of the information being encoded in a second optical carrier signal; and  
a receiver configured to receive and decode the information from ~~said discrete~~ the first optical carrier signals and the inverse of the information from the second optical carrier signal.
2. (Currently Amended) The system of claim 1 wherein said transmitter is configured to encode digital information into ~~at least two discrete~~ the first optical carrier signals and encode the inverse of the digital information in the second optical carrier signal.
3. (Currently Amended) The system of claim 2 wherein ~~said discrete optical carrier signals include a first carrier signal and a second carrier signal;~~  
said the first optical carrier signal includes including information corresponding to logical 1's;  
and  
said the second optical carrier signal includes including information corresponding to logical 0's.
4. (Currently Amended) The system of claim 2 wherein ~~said discrete optical carrier signals include a first carrier signal and a second carrier signal;~~